# **DAILY ONLINE ACTIVITIES SUMMARY**

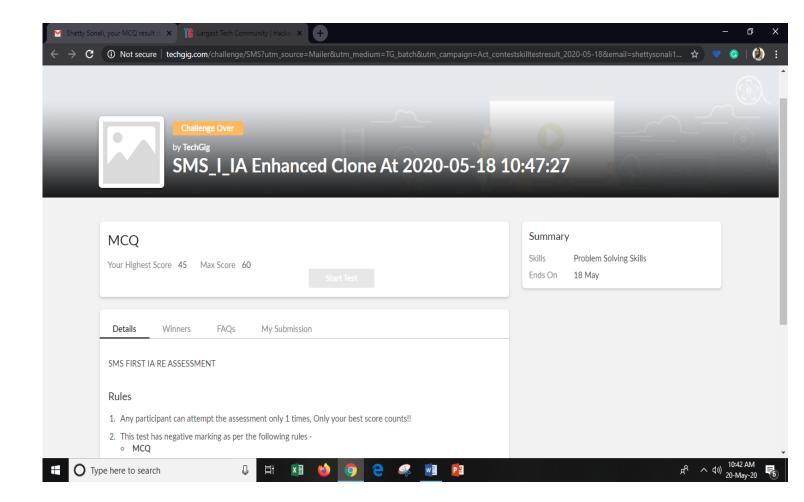
Date:	18-05-2020		Name:	Shetty Sonali Sanjeeva		
Sem & Sec 8 <sup>th</sup> , B		USN:	4AL16CS123			
Online Test Summary						
Subject System Modelling and Simulation						
Max. Marks 60			Score	45		
Certification Course Summary						
Course	Course MACHINE LEARNING ONRAMP BY MATHWORKS					
Certificate Provider		ICT academy	Duration		2 Hrs	
Coding Challenges						
Problem Statement: Finding frequency of each character in a string and to print the even and odd for series  Status: Solved						
Uploaded the report in Github Yes						
If yes Repository name			SONALISH	SONALISHETTY		
Uploaded the report in slack Yes						

Online Test Details: (Attach the snapshot and briefly write the report for the same

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

### 1) Online Test Details:



## 2) Certification Course Details:



# **Course Completion Certificate**

Shetty Sonali

has successfully completed 100% of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

07 May 2020

## 3) Coding Challenges:

- Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object
   Let t1 print message "ping—>" and t2 print message ",—pong".
   Take as command line arguments, the following inputs to the program:
   Sleep Interval for thread t1
- 2. Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object

```
Let t1 print message "ping — >" and t2 print message ",—pong".
```

Take as command line arguments, the following inputs to the program: Sleep Interval for thread t1 Sleep Interval for thread t2 Message per cycle No of cycles

#### PROGRAM1

```
import java.util.Scanner;
public class StringOperators
  public static void main(String args[])
     int i;
     String str;
     int counter[] = new int[256];
     Scanner in = new Scanner(System.in);
     System.out.print("Enter a String: ");
     str=in.nextLine();
      for (i = 0; i < str.length(); i++) {
        counter[(int) str.charAt(i)]++;
     // Print Frequency of characters
     for (i = 0; i < 256; i++) {
        if (counter[i] != 0) {
            System.out.println((char) i + ":-" + counter[i] + " times");
        }
```

### PROGRAM 2

```
public class PingPong extends Thread {
static StringBuilder object = new StringBuilder("");
public static void main(String[] args) throws InterruptedException {
Thread t1 = new PingPong();
Thread t2 = new PingPong();
t1.setName("\nping");
t2.setName(" pong");
t1.start();
t2.start();
@override
public void run() {
       working();
}
void working() {
while (true) {
       synchronized (object) {
try {
       System.out.print(Thread.currentThread().getName());
       object.notify();
       object.wait();
} catch (InterruptedException e) {
       e.printStackTrace();
}
}
}
```